

HOLLOMAN AIR FORCE BASE

TOTAL ENVIRONMENTAL RESTORATION CONTRACTS

A SUCCESS STORY



*Excavation work
supporting remediation.*

At Holloman AFB, TERC has been used for several projects, including a soil vapor extraction project and a project to remediate a test cell. As a result, the Air Force has realized significant cost and schedule savings.

Several unresolved technical issues on the soil vapor extraction project at the Base Exchange Service Station caused the design to fall behind schedule. Since the project was being designed by a TERC subcontractor, the TERC contractor was able to expedite the design review and equipment procurement. Construction was completed on schedule and startup was completed ahead of schedule. TERC saved 2 to 3 months and about \$100,000.

The pilot system (dual-phase high-pressure extraction) for remediation of the test cell, designed and built by another contractor, experienced problems due to the high content of total dissolved solids in the groundwater. The TERC contractor modified the system so that it would operate successfully. Then a TERC subcontractor designed the final

system and began construction simultaneously with the Corps review of the design. Because of the design/build nature of the TERC contract, procurement of long-lead items could be expedited, and the full-scale unit became operational ahead of schedule. TERC saved 2 to 4 months and 20 to 40 percent of total cost.

A TERC subcontractor was performing a Preliminary Assessment/Site Inspection

TERC WORKS



at other locations on the base.

Independently, a need arose for additional characterization at the T-38 test cell. Once again, TERC flexibility and cost plus nature enabled the TERC contractor to rapidly modify the subcontract so additional work

could be done during field mobilization. Considerable time and money were saved because a demobilization was avoided, saving at least one month in the overall schedule.

\$4.2 million project negotiated in less than two weeks.

The TERC contractor participated with base and Corps officials in a 2-day joint planning session during which technical and schedule issues for all upcoming work were discussed. Agreement on the approach, assumptions, and schedule was reached and documented,

TERC flexibility allowed multitasking, which minimized downtime and mobilization.

which the Corps then used as the basis for a new task order RFP. Since the TERC contractor was already familiar with the work and agreements reached, a \$4.2 million multi-task order was negotiated in less than two weeks. Cost and schedule issues were minimal since all stakeholders were involved from the beginning.

Because the TERC concept allows direct performance of remediation activities, the Holloman TERC contractor has been able to keep multiple remediation projects running simultaneously. By being involved in the detailed planning for these activities, TERC construction crews could maximize productivity with minimal downtime and no expensive remobilization by moving from one remediation site to another while awaiting long-lead procurement items.

The use of TERC at Holloman allowed efficient planning and use of resources, minimized downtime, virtually eliminated expensive turnover, and precluded costly procurement and engineering delays.



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